

Claims

What is claimed is:

1. An apparatus for shielding a patient's eye while allowing the patient's eye contact
2. with air, the apparatus comprising:
 3. a. an eyeshield having an optically correct viewing area; and
 4. b. a plurality of vents surrounding the optically correct viewing area for
5. allowing air to circulate through the eyeshield.
1. 2. The apparatus as claimed in claim 1 further comprising openings in the eyeshield
2. for coupling a strap to the eyeshield.
1. 3. The apparatus as claimed in claim 2 wherein the length of the strap is adjustable
2. for holding the eyeshield in front of the human eye.
1. 4. The apparatus as claimed in claim 1 wherein the eyeshield is substantially circular
2. in shape and has a nose bridge protrusion extending from the substantially circular shape
3. that is configured such that the nose bridge protrusion rests on and above the patient's
4. nose and maintains close proximity to the patient's nose and eyebrow.
1. 5. The apparatus as claimed in claim 1 wherein the plurality of vents are a plurality
2. of apertures through the lens.
1. 6. The apparatus as claimed in claim 5 wherein the plurality of apertures through the
2. lens do not distort vision.
1. 7. An apparatus for shielding a patient's eye while allowing the patient's eye contact
2. with air, the apparatus comprising:
 3. a. an eyeshield having an optically correct viewing area; and
 4. b. a cushioning structure affixed to the perimeter of a first surface of the

5 eyeshield wherein the cushioning structure includes a plurality of vents for
6 allowing air to circulate behind the eyeshield.

1 8. The apparatus as claimed in claim 7 further comprising openings in the eyeshield
2 for coupling a strap to the eyeshield.

1 9. The apparatus as claimed in claim 8 wherein the length of the strap is adjustable
2 for holding the eyeshield in front of the human eye.

1 10. The apparatus as claimed in claim 7 wherein th plurality of vents do not distort
2 vision.

1 11. A medical eyeshield for shielding a patient's eye while allowing the patient's eye
2 contact with air, the medical eyeshield comprising:

- 3 a. means for shielding a human eye said shielding means being optically
4 correct;
- 5 b. means for securing the shielding means;
- 6 c. means for coupling the securing means with the shielding means; and
- 7 d. means for circulating air between the human eye and the shielding means
8 while preserving the optically correct nature of the shielding means.

1 12. The medical eyeshield as claimed in claim 11 wherein the securing means is an
2 adjustable strap.

1 13. The medical eyeshield as claimed in claim 11 wherein the circulating means does
2 not distort vision.

1 14. A method of manufacturing an eyeshield comprising the steps of:
2 a. producing a mold that will fashion an eyeshield wherein the eyeshield is
3 optically clear; and
4 b. polishing the surface of the mold to facilitate the eyeshield being optically

5 correct.

1 15. The method as claimed in claim 14 further comprising coupling an adjustable
2 strap with the eyeshield.

1 16. The method as claimed in claim 14 wherein the mold fashions the eyeshield
2 including a plurality of vents.

1 17. The method as claimed in claim 16 wherein the plurality of vents are configured
2 as to not distort vision.